SOLID-BOX

Elegant IP 66/IP 67 enclosure for industrial applications

Robust, waterproof and stylish – the new SOLID-BOX enclosure range satisfies all the requirements that a modern electronic/electrical housing must meet in industrial environments, as well as in protected outdoor areas.

- 3 enclosure sizes in 2 standard colours
- convincing design thanks to the modern, highly polished enclosure surface snap-on design trims in the top panel conceal all the fixing screws
- can be used as desktop and wall-mounted enclosures
- high IP 66/67 protection class and IK 08 impact protection offer safety – even in harsh environments; the seal is pre-fitted in the top part
- excellent, flame-retardant V-0 rated material (1.50 mm) with increased heat distortion temperature (Vicat/B 120 = 110°C), chlorine- and bromine-free flame resistance
- enclosure assembly with rust-proof, captured Torx screws outside the sealed interior
- 2 recessed areas in the bottom part for installation/protection of connectors, switches and other interfaces – easy and user-friendly to connect
- recessed operating area in the top for flush fitting a membrane keypad or product label
- screw channels under the design trims allow for direct, concealed wall mounting
- mounting points on the rear of sizes 145 and 175 match the hole patterns of VESA MIS-D 75/100
- integrated fastening pillars for PCBs, DIN rails and mounting plates
- accessory hinge set retains the top panel in situ during assembly and servicing
- enclosure feet kit (accessory) for non-slip positioning on a desktop

Special material
On request we can also custom mould many of our enclosures in special colours/materials to match your requirements exactly. For the new SOLID-BOX, for example, it would be possible to have the design trims injection-moulded in a different colour to code the function or device series, or even to have the whole enclosure in your company colour (minimum quantity and feasibility on request).

DESIGNER STATEMENT

“A SOLID-BOX delivers what its name promises. In this enclosure, watertight and particularly impact-resistant, your components can be placed stably and securely even in inhospitable environments, without visible screw connections or fasteners. And yet the design of the enclosures gives the robust construction an elegant lightness. The slightly sloping bevels surrounding the long sides and the interplay of light and shadow underline the quality of the product."
Martin Nussberger, polyform Industrie Design

SOLID-BOX



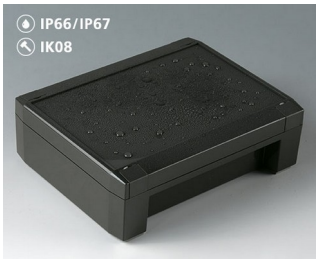
















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Applications and Examples

Ideal for high-quality electronic and electrical equipment which is used indoors or in protected outdoor areas, e.g. plant and machine construction, heating, air conditioning and ventilation technology, IoT/IIoT, smart factory/Industry 4.0, gateways, data loggers, information and communications technology (ICT), electrical installations, measuring and control technology, agriculture, farming, sensor systems and safety engineering.


Camera control in production



Controller wind turbines



Data recording for harvesters


Heating/air conditioning/ventilation control



Leak detector



Monitoring of critical infrastructure



Smart Farming - system for long-term measurements


Temperature Manager



Voltage receiver



Weather station in agriculture

Customising Options

What do you still need for your own very personal product? We can supply enclosures and tuning knobs with all necessary modifications for fitting your electronic components.
Customising options for Solid-Box

SOLID-BOX

Machining

Printing

Laser marking

Decor foils

EMC shielding

Installation / Assembly of accessories

Select Versions



C8011131
SOLID-BOX 115
PC+ABS (UL 94 V-0)
anthracite grey RAL 7016
135x115x50mm
IP 66, IP 67, IK 08



C8011132
SOLID-BOX 115
PC+ABS (UL 94 V-0)
light grey RAL 7035
135x115x50mm
IP 66, IP 67, IK 08



C8014181
SOLID-BOX 145
PC+ABS (UL 94 V-0)
anthracite grey RAL 7016
180x145x60mm
IP 66, IP 67, IK 08



C8014182
SOLID-BOX 145
PC+ABS (UL 94 V-0)
light grey RAL 7035
180x145x60mm
IP 66, IP 67, IK 08



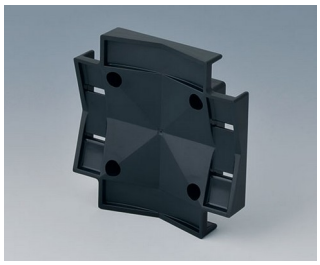
C8017221
SOLID-BOX 175
PC+ABS (UL 94 V-0)
anthracite grey RAL 7016
225x175x70mm
IP 66, IP 67, IK 08



C8017222
SOLID-BOX 175
PC+ABS (UL 94 V-0)
light grey RAL 7035
225x175x70mm
IP 66, IP 67, IK 08

SOLID-BOX

Accessory "wall/holder"



A9325018
Pole/mast mounting bracket
ASA (UL 94 HB)
anthracite grey RAL 7016
100x100x20mm



C2299031
Securing hinge for the cover
PP
natural-coloured



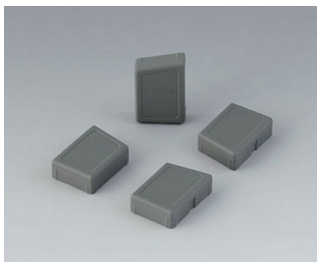
C8100360
Internal hinge set

Accessory "screws"



A0308132
Self-tapping screw 3 x 8 mm
(T10)
Stainless steel

Accessory



C8100188
Set of enclosure feet
SEBS (TPE)
volcano

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